

*Fig. 6*

	Control	Low Dose	High Dose	P value
<b>Vessel Area</b>	9.69 ± 2.21	9.92 ± 2.04	10.45 ± 1.45	NS
<b>Luminal Area</b>	3.49 ± 1.41	4.20 ± 1.74	5.4 ± 1.70	NS
<b>Intimal Area (IA)</b>	4.13 ± 1.1	3.60 ± 0.79	2.54 ± 1.0	<0.05
<b>Stent Strut Area (SSA)</b>	7.61 ± 1.70	7.80 ± 1.53	8.01 ± 1.23	NS
<b>Injury Score</b>	2.1 ± 0.47	2.19 ± 0.43	2.0 ± 0.61	NS
<b>IA/Injury Score</b>	1.96 ± 0.32	1.66 ± 0.33	1.32 ± 0.40	<0.01*
<b>Endothelialization Score</b>	3+	3+	3+	NS

All values are mean ± SD.

P-value for control vs high dose (ANOVA post-test with Bonferroni correction)

**Figure 7**

Study	Stent & balloon description	Average Dosage ( $\mu\text{g}$ per stent)	Range ( $\mu\text{g}$ per stent)	Average Dosage per area ( $\mu\text{g}/\text{mm}^2$ )	Range ( $\mu\text{g}/\text{mm}^2$ )
"High Dose" Loading Protocol used in Preclinical trial	18mm OC stent premounted on 4mm diameter balloon.	240 (n=3)	229-254	3.0	2.8-3.2
Verification Study	18mm OC premounted on 3mm diameter balloon.	259 (n=5)	243-276	2.6	2.4-2.8

Figure 8

Average Dosage ( $\mu\text{g}$ per stent)	Standard Dev Dosage ( $\mu\text{g}$ per stent)	Average dosage ( $\mu\text{g}/\text{mm}^2$ )	Standard Dev ( $\mu\text{g}/\text{mm}^2$ )
252	15	2.54	0.15

Figure 9

Stent design	Surface Area ( $\text{mm}^2$ )	Average dosage ( $\mu\text{g}$ per stent)	Std dev ( $\mu\text{g}$ per stent)
11OC	61.56	156	9
15OC	80.40	204	12
18OC	99.24	252	15

Figure 10

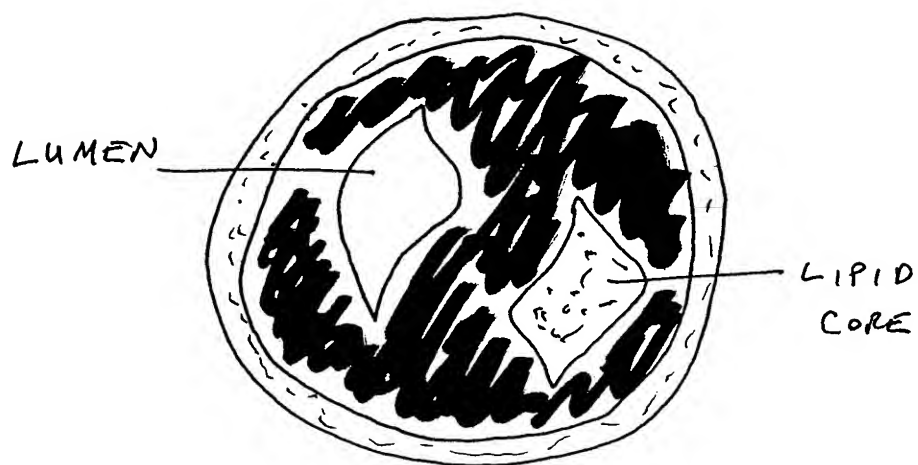


Fig. 11

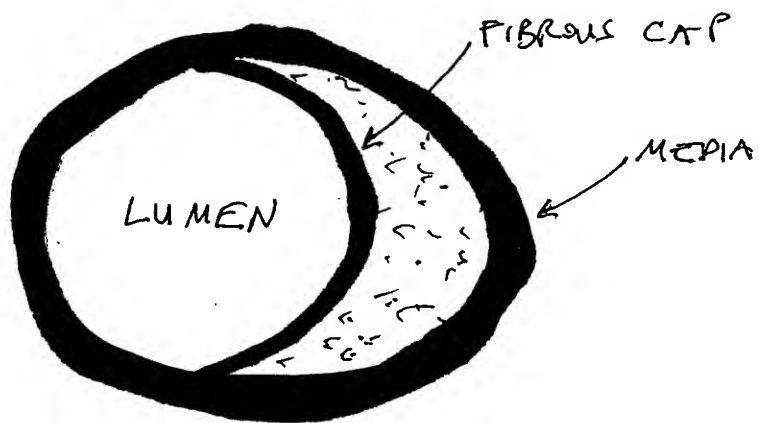
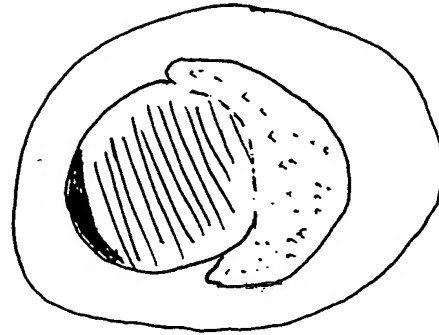
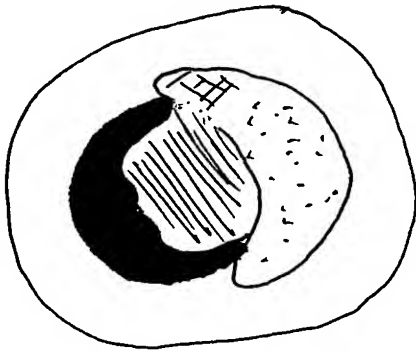


Fig. 12

NONOCCLUSIVE

OCCCLUSIVE



**R U P T U R E**

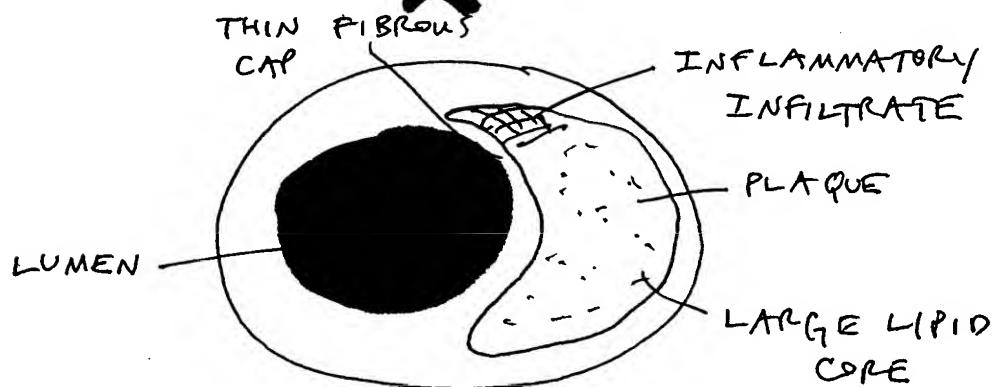


Fig. 13

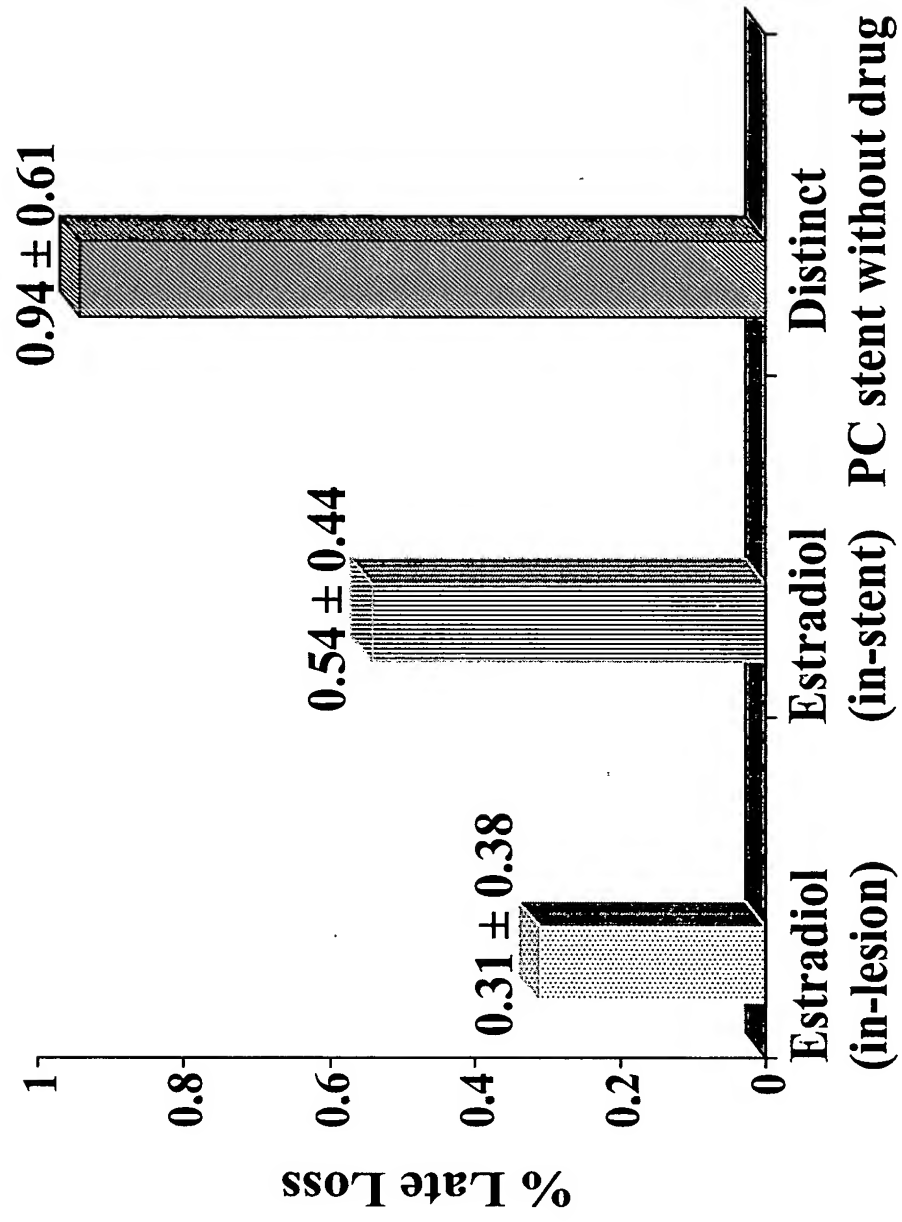


Figure 14



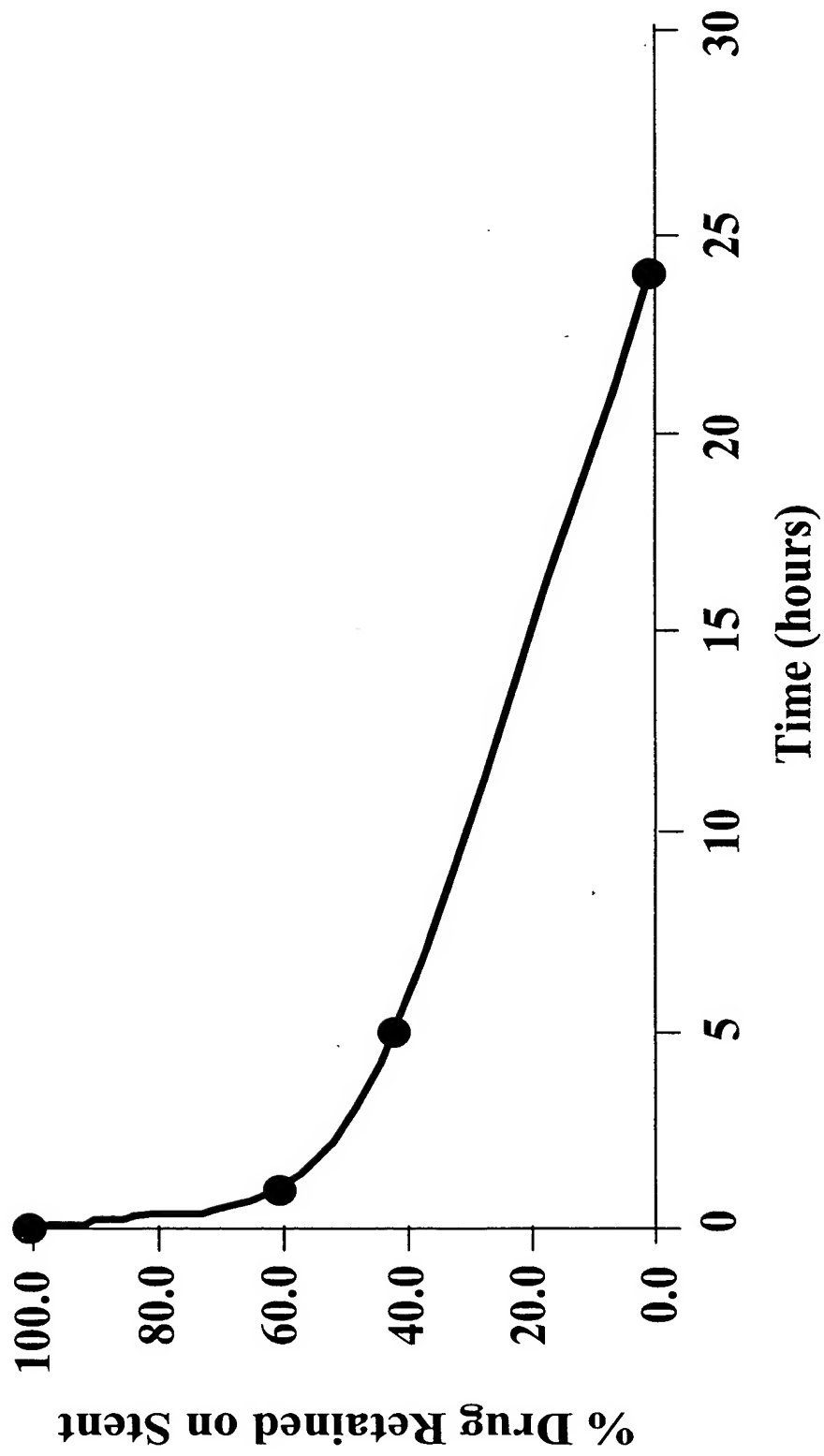


Figure 15